

超薄型直流信號隔離傳送器

(ULTRA SLIM TYPE DC SIGNAL ISOLATED TRANSMITTER)

MODEL
SSTD



■特點(FEATURES)

- 精確度0.1%滿刻度 (Accuracy 0.1%F.S.)
- 開關式多種直流輸出規劃功能(Wide switchable select DC output ranges over 20 standard process signal)
- 輸入與輸出絕緣耐壓 1.5千伏特/1分鐘(Dielectric strength 1.5KVac/1 min.(input/output))
- 寬範圍交直流兩用電源設計(Wide input range for auxiliary power)
- 尺寸小,穩定性高(Dimension small & High stability)

1.MODEL:SSTD-□□ □□

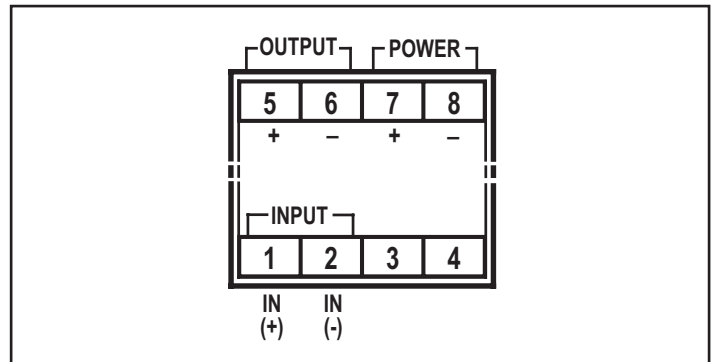
(選購型號)

NO	Input Range	NO	Input Range	NO	Input Range	NO	Input Range	NO	Output Range	NO	Output Range	NO	Output Range	NO	Output Range	NO	Aux.Power
10	0~10mV	15	0~10V	20	0~1mA	25	0~100mA	A	0~0.5V	F	1~5V	J	0~1mA	O	0~16mA	A	DC20~60V
11	0~50mV	16	2~10V	21	0~10mA	26	0~200mA	B	0~1V	G	0~8V	K	0~2mA	P	0~20mA	B	AC/DC90~240V
12	0~1V	17	-10~+10V	22	0~20mA	27	0~2A	C	0~2V	H	0~10V	L	0~5mA	Q	4~20mA		• Less 0.8VA for AC/DC input
13	0~5V	18	0~100V	23	4~20mA	28	0~5A	D	0~4V	I	2~10V	M	1~5mA	R	SPECIFIED		
14	1~5V	19	0~200V	24	10~50mA	29	SPECIFID	E	0~5V			N	0~10mA				

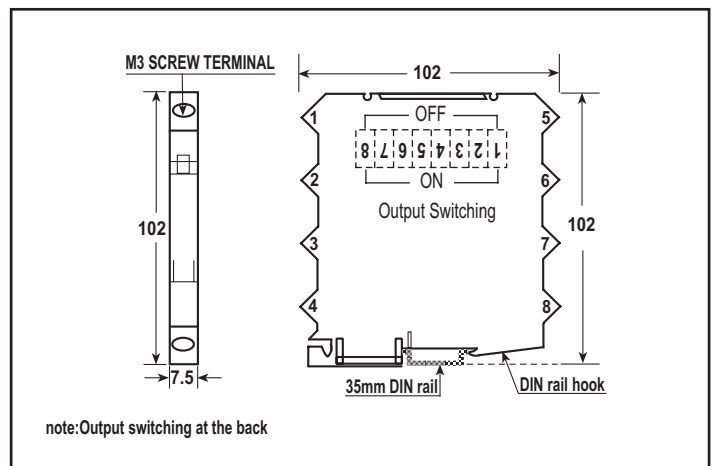
2.SPICIFICATION (主要規格)

- Measuring accuracy (精確度) : 0.1% F.S. (23±5°C)
- Input resistance (輸入阻抗) : >100Mohm (<2V range)
>1Mohm (>2V range)
<10 ohm (mA input)
- Maximum input (最大過載能力) : <500Vrms (>2V ranges)
<150Vrms (<2V ranges)
<150mA (mA ranges)
- Response time (輸出反應時間) : <250ms (0~90%)
- Output drive capability (輸出負載能力) : <10mA for voltage mode
<10V for current mode
- Output ripple(p-p) (輸出漣波) : <0.1% F.S.
- Zero (offset) range (歸零調整範圍) : 0~±5% F.S.(VR adjustable)
- Span (scale) range (最大偵調整範圍) : 0~±10% F.S.(VR adjustable)
- Temp. coefficient (溫度係數) : 100ppm/°C (0~50°C)
- Isolation (隔離特性) : Input/Output/Power/Case
- Insulation Resistance (絕緣阻抗) : >100M ohm with 500V DC
- Dielectric strength (絕緣耐壓能力) : 1.5KVac/1 min. (input/Output/power)
1200Vdc (input/Output1/Output2)
- Operating condition (使用環境條件) : 0~60°C (20 to 90% RH non-condensed)
- Storage condition (存放環境條件) : 0~70°C (20 to 90% RH non-condensed)
- Terminal type (接線端子型式) : M3 screw terminal
- Construction (安裝方式) : 35mm DIN rail (EN50022)
- CE EMC Certification (CE 認證) : EN 55022:1998/A1:2000 Class A
EN 61000-3-2:2000
EN 61000-3-3:1995/A1:2001
EN 55024:1998/A1:2001

3.TERMINAL CONNECTION (接線圖)



4.DIMENSION (unit:mm) (外型尺寸)



5.OUTPUT SWITCHING TABLE (switching status 1=on ; 0=off)

Output range	1-2-3-4-5-6	7-8	Output range	1-2-3-4-5-6	7-8
0~0.5V	0-1-1-1-1-0	1-1	0~1mA	0-1-1-1-1-0	0-0
0~1V	1-0-1-1-1-0	1-1	0~2mA	1-0-1-1-1-0	0-0
0~2V	1-1-0-1-1-0	1-1	0~5mA	0-1-0-1-1-0	0-0
0~4V	1-1-1-0-1-0	1-1	1~5mA	1-1-0-1-1-1	0-0
0~5V	1-0-1-0-1-0	1-1	0~10mA	1-0-1-0-1-0	0-0
1~5V	1-1-1-0-1-1	1-1	2~10mA	1-1-1-0-1-1	0-0
0~6V	1-1-0-0-1-0	1-1	0~16mA	1-1-1-1-0-0	0-0
0~8V	1-1-1-1-0-0	1-1	0~20mA	1-1-0-1-0-0	0-0
0~10V	1-1-0-1-0-0	1-1	4~20mA	1-1-1-1-0-1	0-0
2~10V	1-1-1-1-0-1	1-1			